

09/28/01  
JCS76 U.S. PTO

1081-01

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42390.12323

(maximum 12 characters)

First Named Inventor Niels Beier, et al.

Title: Tagging Packets With a Lookup Key to Facilitate Usage of a Unified Packet Forwarding Cache

Express Mail Label No. EL 886506972 US

ADDRESS TO: **Assistant Commissioner for Patents**  
**Box Patent Application**  
**Washington, D. C. 20231**

### APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2.  Applicant Claims Small Entity Status. (37 CFR 1.27)
3.  Specification (Total Pages 33)  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table,  
or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawings(s) (35 USC 113) (Total Sheets 9)
5.  Oath or Declaration (Total Pages 5)
  - a.  Newly Executed (Original or Copy)
  - b.  Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 17 completed)
    - i.  DELETIONS OF INVENTOR(S) Signed statement attached deleting  
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2)  
and 1.33(b).
    - c.  Unsigned.
6.  Application Data Sheet. (37 CFR 1.76)
7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8.  Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b.  Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statement verifying identity of above copies

### ACCOMPANYING APPLICATION PARTS

jc857 U.S. PTO  
09/967084

09/28/01  
jc857 U.S. PTO  
09/967084

9.  **Assignment Papers (cover sheet & documents(s))**

10.  a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)

11.  b. Power of Attorney

12.  English Translation Document (if applicable)

13.  a. Information Disclosure Statement (IDS)/PTO-1449

14.  b. Copies of IDS Citations

15.  **Preliminary Amendment**

16.  **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**

17.  Certified Copy of Priority Document(s) (if foreign priority is claimed)

18.  **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**

19.  Other: \_\_\_\_\_

**18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:**

Continuation       Divisional       Continuation-in-part (CIP)  
 Of Prior Application No.: \_\_\_\_\_ Examiner \_\_\_\_\_ Group Art Unit \_\_\_\_\_

(which is a  continuation/  divisional/  CIP of prior application no. \_\_\_\_\_, which is a  continuation/  divisional/  CIP of prior application no. \_\_\_\_\_) (List entire chain of priority)

**For CONTINUATION AND DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18B. Statement under 37 CFR 3.73(b) for continuing application:**

The undersigned states that \_\_\_\_\_ (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No. \_\_\_\_\_ Frame No. \_\_\_\_\_ (or a copy of which is attached).

**19. Correspondence Address**

Customer Number or Bar Code Label \_\_\_\_\_ (Insert Customer No. or Attach Bar Code Label here)  
 or  
 Correspondence Address Below

NAME Michael A. DeSanctis

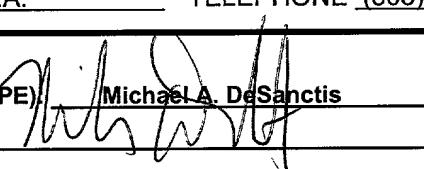
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

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CITY Los Angeles STATE California ZIP CODE 90025-1026

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Name (PRINT/TYPE): Michael A. DeSanctis Registration No.: 39,957  
 Signature:  Date: 9/28/01

## FEE TRANSMITTAL FOR FY 2001

TOTAL AMOUNT OF PAYMENT (\$) \$ 1,086.00

## Complete if Known:

Application No. UnassignedFiling Date Concurrently HerewithFirst Named Inventor Niels Beier, et al.Group Art Unit Not yet assignedExaminer Name Not yet assignedAttorney Docket No. 42390.12323

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666  
Deposit Account Name  Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:  Check  
 Credit Card  
 Money Order  
 Other

## FEE CALCULATION

1. BASIC FILING FEE

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>		
Fee	Fee	Fee	Fee		
Code	Code	Code			
101	710	201	355	Utility application filing fee	<u>\$ 710.00</u>
106	320	206	160	Design application filing fee	<u></u>
107	490	207	245	Plant filing fee	<u></u>
108	710	208	355	Reissue filing fee	<u></u>
114	150	214	75	Provisional application filing fee	<u></u>

SUBTOTAL (1) \$ 710.002. EXTRA CLAIM FEES

	<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fee Paid</u>
Total Claims <u>32</u>	<u>- 20** = 12</u>	<u>X 18.00</u>	<u>= 216.00</u>
Independent Claims <u>5</u>	<u>- 3** = 2</u>	<u>X 80.00</u>	<u>= 160.00</u>
Multiple Dependent			<u>=</u>

\*\*Or number previously paid, if greater; For Reissues, see below.

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>		
Fee	Fee	Fee		
Code	Code	Code		
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 376.00

## FEE CALCULATION (continued)

**3. ADDITIONAL FEES**

<b>Large Entity</b>	<b>Small Entity</b>	<b>Fee Description</b>	<b>Fee Paid</b>
Fee Code	Fee (\$)	Fee Code (\$)	
105	130	205	65
127	50	227	25
			<b>Surcharge - late filing fee or oath</b>
			<b>Surcharge - late provisional filing fee or cover sheet</b>
139	130	139	130
147	2,520	147	2,520
112	920*	112	920*
			<b>Non-English specification</b>
			<b>For filing a request for ex parte reexamination</b>
			<b>Requesting publication of SIR prior to Examiner action</b>
113	1,840*	113	1,840*
			<b>Requesting publication of SIR after Examiner action</b>
115	110	215	55
116	390	216	195
117	890	217	445
118	1,390	218	695
128	1,890	228	945
119	310	219	155
120	310	220	155
121	270	221	135
138	1,510	138	1,510
140	110	240	55
141	1,240	241	620
142	1,240	242	620
143	440	243	220
144	600	244	300
122	130	122	130
123	130	123	130
126	180	126	180
581	40	581	40
			<b>Recording each patent assignment per property (times number of properties)</b>
146	710	246	355
			<b>For filing a submission after final rejection (see 37 CFR 1.129(a))</b>
149	710	249	355
			<b>For each additional invention to be examined (see 37 CFR 1.129(b))</b>
179	710	279	355
169	900	169	900
			<b>Request for Continued Examination (RCE)</b>
			<b>Request for expedited examination of a design application</b>

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3) \$** \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**

Typed or Printed Name: \_\_\_\_\_

Michael A. DeSanctis

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Reg. Number: \_\_\_\_\_

Telephone Number: 303-740-1980

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

**EXPRESS MAIL CERTIFICATE OF MAILING**  
**"Express Mail" Mailing No. EL 886506972 US**

I hereby certify that I am causing the above-referenced correspondence to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated below and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

Date of Deposit: September 28, 2001 Name of Person Mailing Correspondence: Fran C. Rolfsen

Fran C. Rolfsen  
Signature

9-28-01  
Date

Serial/Patent No.: Unassigned Filing/Issue Date: Concurrently  
Client: Intel Corporation  
Title: Tagging Packets With a Lookup Key to Facilitate Usage of a Unified Packet Forwarding Cache  
BSTZ File No.: 42390.12323 Atty/Secty Initials: EHT/MAD/fr  
Date Mailed: 9-28-01 Docket Due Date: \_\_\_\_\_  
The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:  
 Amendment/Response (\_\_\_\_ pgs.)  Express Mail No. EL886506972US  Check No. 1944  
 Appeal Brief (\_\_\_\_ pgs.) (in triplicate)  Month(s) Extension of Time  Amt: \$1,086.00  
 Application - Utility (33 pgs., with cover and abstract)  Information Disclosure Statement & PTO-140 (4 pgs.)  Check No. \_\_\_\_\_  
 Application - Rule 1.53(b) Continuation (\_\_\_\_ pgs.)  Issue Fee Transmittal Amt: \_\_\_\_\_  
 Application - Rule 1.53(b) Divisional (\_\_\_\_ pgs.)  Notice of Appeal \_\_\_\_\_  
 Application - Rule 1.53(b) CIP (\_\_\_\_ pgs.)  Petition for Extension of Time \_\_\_\_\_  
 Application - Rule 1.53(d) CPA Transmittal (\_\_\_\_ pgs.)  Petition for \_\_\_\_\_  
 Application - Design (\_\_\_\_ pgs.)  Postcard \_\_\_\_\_  
 Application - PCT (\_\_\_\_ pgs.)  Power of Attorney (\_\_\_\_ pgs.) \_\_\_\_\_  
 Application - Provisional (\_\_\_\_ pgs.)  Preliminary Amendment (\_\_\_\_ pgs.) \_\_\_\_\_  
 Assignment and Cover Sheet  Reply Brief (\_\_\_\_ pgs.) \_\_\_\_\_  
 Certificate of Mailing  Response to Notice of Missing Parts \_\_\_\_\_  
 Declaration & POA (5 pgs.) UNSigned  Small Entity Declaration for Indep. Inventor/Small Business \_\_\_\_\_  
 Disclosure Docs & Orig & Cpy of Inventor's Signed Letter (\_\_\_\_ pgs.)  Transmittal Letter, in duplicate \_\_\_\_\_  
 Drawings: 9 # of sheets includes 11 figures  Fee Transmittal, in duplicate \_\_\_\_\_  
 Other: Cited art: 2 articles

EL886506972US

"Express Mail" mailing label number: EL 886506972 US

Date of Deposit: September 28, 2001

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231

Fran C. Rolfsen  
(Name of person mailing paper or fee)

Fran C. Rolfsen  
(Signature of person mailing paper or fee)

9-28-01

(Date signed)